



On 12/4/96, I gave
verbal approval to
Erik Sandblom to
thin-spread PCS. Requested
letter documenting action
after which site would be
evaluated for closure

[Signature]

Concur w/SMAC + thin-spread recommendations.
First need confirmation of thin-spread of PCS

WASTE MGMT
DIVISION

NOV 8 10 26 AM '96

November 6, 1996

Mr. Dennis Boise
Champlain Oil Company, Inc.
P.O. Box 2126
South Burlington, VT 05407

RE: Screening Results of Petroleum Contaminated Soil Stockpiled at Essex Colonial
Mart, Essex Jct., Vermont (VT DEC #95-1781)

Dear Mr. Boise:

On October 15, 1996, a representative of Griffin International visited the Essex Colonial Mart in Essex Junction, Vermont to screen approximately 35 cubic yards of petroleum contaminated soil currently stockpiled at the site. These soils were generated during a routine piping replacement for the gasoline underground storage tanks (USTs) at the property in April 1995. The routine screening of these soils for volatile organic compounds (VOCs) is being conducted by Griffin on a semi-annual basis, for Champlain Oil Company, Inc. (COCO), the owner of the UST system. This work was requested by the Vermont Department of Environmental Conservation (VT DEC) in a letter dated July 7, 1995, from Mr. Richard Spiess of the VT DEC to you.

A total of six discrete soil samples were collected with a hand auger from the stockpile. The samples were collected from depths of 3 to 4.5 feet. Each sample was screened for VOCs using a HNu™ photo-ionization detector (PID) in accordance with Griffin's Jar/Polyethylene Bag Headspace Analysis Protocol, which conforms to state and industry standards. No VOCs were detected in the soil stockpile during this site visit. Soil screening depths and results are summarized in the table below. A site map showing locations of the stockpile samples is attached.

Sample #	Depth (ft)	PID Reading (ppm)
1	3	0.0
2	3	0.0
3	4	0.0
4	4.5	0.0
5	3	0.0
6	3	0.0

Based on the soil screening results, Griffin recommends that the soils from the stockpile be spread on-site. Additionally, Griffin recommends that the Essex Colonial Mart, Essex Junction, VT site be considered for closure and be removed from the VT DEC Active Hazardous Waste Sites List. This recommendation is offered based upon achievement of the following closure criteria, as per the VT DEC Site Management Activity Completed (SMAC) Checklist:

- 1) The source(s), nature, and extent of the petroleum contamination at the site has been adequately defined.

The source of petroleum contamination detected in soils at the Essex Colonial Mart site were generated during a routine piping replacement for the gasoline underground storage tanks (USTs) at the property. Approximately 35 cubic yards of contaminated soil was stockpiled and encapsulated with plastic on site.

- 2) Source(s) has been removed, remediated, or adequately contained.

The UST system piping has been replaced with new double-wall piping. The contaminated soils have been stockpiled on site, and have been encapsulated in a plastic liner. Non-detectable VOC readings indicate that the soil stockpile has been remediated.

- 3) Levels of contaminants in soil and groundwater shall be stable, falling, or non-detectable.

Results of soil stockpile screening on October 15, 1996, indicate that VOC concentrations are non-detectable in the stockpile.

- 4) Groundwater enforcement standards are met on entire property.

Petroleum contamination has been confined to the stockpiled soils.

- 5) Soil guideline levels are met. If not, engineering or institutional controls are in place.

Approximately 35 cubic yards of contaminated soils have been stockpiled at the site. The stockpile has been encapsulated in a plastic liner. On October 15, 1996, VOC readings from stockpile soil samples were 0.0 ppm.

- 6) No unacceptable threat to human health or the environment exists on site.

No detectable levels of VOCs were measured in the soil stockpile on October 15, 1996.

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7) Site meets RCRA requirements.

Available records indicate that the Essex Colonial Mart site is not in violation of the Resource Conservation and Recovery Act (RCRA) as defined in 40 CFR 264.

8) Site meets CERCLA requirements.

Available records indicate that the Essex Colonial Mart site is not in violation of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) as defined in 40 CFR 300.

Please call me if you have any questions.

Sincerely,

Erik C. Sandblom /cw

Erik C. Sandblom
Engineer

cc: Matthew Moran, VT DEC
GI#7954715

Essex Colonial Mart, Essex Junction, Vermont
VT DEC #95-1781

Site Map of October 15, 1996 Soil Screening

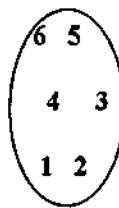
SUSIE WILSON ROAD

N ←

Essex Colonial Mart

Diesel
and
Kerosene
ASTs

Soil Stockpile
and sample locations



Not To Scale